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Substitute for form 1449A/PTO

Complete if Known**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1

of

2

Application Number	10/656,848
Filing Date	09/06/2003
First Named Inventor	Ka-Ngo Leung
Art Unit	2817
Examiner Name	Not Yet Assigned
Attorney Docket Number	IB-1826A

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
L		US- 2769096	10/30/1956	Frey	
L		US- 2983834	05/09/1961	Reiffel	
L		US- 3015132	12/26/1961	Hoyer	
L		US- 3113213	12/03/1963	Brinkerhoff	
L		US- 3258402	06/28/1966	Farnsworth	
L		US- 3417245A X6	12/17/1968	Schmidt	
L		US- 3609369	09/28/1971	Croitoru	
L		US- 3664960	05/23/1972	Wood	
L		US- 4076990A X6	02/28/1978	Hendry	
L		US- 4290847	09/22/1981	Johnson	
L		US- 4654561	03/31/1987	Shelton	
L		US- 4806829	02/21/1989	Nakao	
L		US- 4935194	06/19/1990	Verschoore	
L		US- 4977352A X6	12/11/1990	Williamson	
L		US- 5008800	04/16/1991	Klinkowstein	
L		US- 5053184	10/01/1991	Cluzeau	
L		US- 5135704	08/04/1992	Shefer	
L		US- 5215703	06/01/1993	Berdardet	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

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4/05

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1/26/04

ELECTRONIC INFORMATION DISCLOSURE STATEMENT


Electronic Version v18

Stylesheet Version v18.0

Title of Invention	Negative Ion Source with External RF Antenna																																																																																																																						
<p>Application Number: 10/656848</p> <p>Confirmation Number: 8582</p> <p>First Named Applicant: Ka-Ngo Leung</p> <p>Attorney Docket Number: IB-1826A</p> <p>Examiner: unknown unknown</p> <p>Search string: (4725449 or 5434353 or 5587226 or 6124834 or 4447732 or 4529571 or 4793961 or 5198677 or 6094012 or 3846636 or 4395631 or 6376978 or 20020150193).pn.</p> <p>US Patent Documents</p> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td>A</td><td>1</td><td>4725449 ✓</td><td>1988-02-16</td><td>Ehlers et al.</td><td></td><td>427</td><td>49</td></tr><tr><td>A</td><td>2</td><td>5434353 ✓</td><td>1995-07-18</td><td>Kraus</td><td></td><td>174</td><td>15.6</td></tr><tr><td>A</td><td>3</td><td>5587226 ✓</td><td>1996-12-24</td><td>Leung et al.</td><td></td><td>428</td><td>210</td></tr><tr><td>A</td><td>4</td><td>6124834 ✓</td><td>2000-09-26</td><td>Leung et al.</td><td></td><td>343</td><td>867</td></tr><tr><td>A</td><td>5</td><td>4447732 ✓</td><td>1984-05-08</td><td>Leung et al.</td><td></td><td>250</td><td>427</td></tr><tr><td>A</td><td>6</td><td>4529571 ✓</td><td>1985-07-16</td><td>Bacon et al.</td><td></td><td>376</td><td>144</td></tr><tr><td>A</td><td>7</td><td>4793961 ✓</td><td>1988-12-27</td><td>Ehlers et al.</td><td></td><td>376</td><td>127</td></tr><tr><td>A</td><td>8</td><td>5198677 ✓</td><td>1993-03-30</td><td>Leung et al.</td><td></td><td>250</td><td>424</td></tr><tr><td>A</td><td>9</td><td>6094012 ✓</td><td>2000-07-25</td><td>Leung et al.</td><td></td><td>315</td><td>111.81</td></tr><tr><td>A</td><td>10</td><td>3846636 ✓</td><td>1974-11-05</td><td>Zehr et al.</td><td></td><td>250</td><td>499</td></tr><tr><td>A</td><td>11</td><td>4395631 ✓</td><td>1983-07-26</td><td>Salisbury</td><td></td><td>250</td><td>251</td></tr><tr><td>A</td><td>12</td><td>6376978</td><td>2002-04-23</td><td>Leung et al.</td><td></td><td>313</td><td>359.1</td></tr></tbody></table> <p>US Published Applications</p> <p>Note: Applicant is not required to submit a paper copy of cited US Published Applications</p> <table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>								init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass	A	1	4725449 ✓	1988-02-16	Ehlers et al.		427	49	A	2	5434353 ✓	1995-07-18	Kraus		174	15.6	A	3	5587226 ✓	1996-12-24	Leung et al.		428	210	A	4	6124834 ✓	2000-09-26	Leung et al.		343	867	A	5	4447732 ✓	1984-05-08	Leung et al.		250	427	A	6	4529571 ✓	1985-07-16	Bacon et al.		376	144	A	7	4793961 ✓	1988-12-27	Ehlers et al.		376	127	A	8	5198677 ✓	1993-03-30	Leung et al.		250	424	A	9	6094012 ✓	2000-07-25	Leung et al.		315	111.81	A	10	3846636 ✓	1974-11-05	Zehr et al.		250	499	A	11	4395631 ✓	1983-07-26	Salisbury		250	251	A	12	6376978	2002-04-23	Leung et al.		313	359.1								
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init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
L	1	20020150193 ✓	2002-10-17	Leung et al.		376	108

Signature 

Examiner Name	Date
Rakesh Dhingra	2/04/05

9/20/04

PTO/BB/08b (08-03)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT. (Use as many sheets as necessary)		Application Number	10/658,848
		Filing Date	09/06/2003
		First Named Inventor	Ka-Ngo Leung
		Art Unit	2827
		Examiner Name	Unassigned
		Attorney Docket Number	IB-1826A
Sheet	1	of	1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
L		LOMER, P.D.; BOUNDEN, J.E.; WOOD, J.D.L.H., "High Output Neutron Generating Tubes," CONF-650405-2, Services Electronics Resrch Lab (Baldock, England), p. 623-34, (September 1, 1964).	
L		EYRICH, W.; SCHMIDT, A., "Two Compact, High-Intensity Pulsed Neutron Sources," Technical Report no. KFK-304; SM-62/4; SM-62/4, Federal Republic of Germany (Germany), p. 589-608, (May 1, 1965).	
L		LOMER, P.D.; BOUNDEN, J.E.; WOOD, J.D.L.H., "A Neutron Tube with Constant Output," Nucl. Instr. Methods, Services Electronics Resrch Lab (Baldock, England), p. 283-288, (March 1, 1965).	

Examiner Signature		Date Considered	08/09/05
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